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GOAT ANTI-IREB2 / IRP2 ANTIBODY

SKU: EB09488

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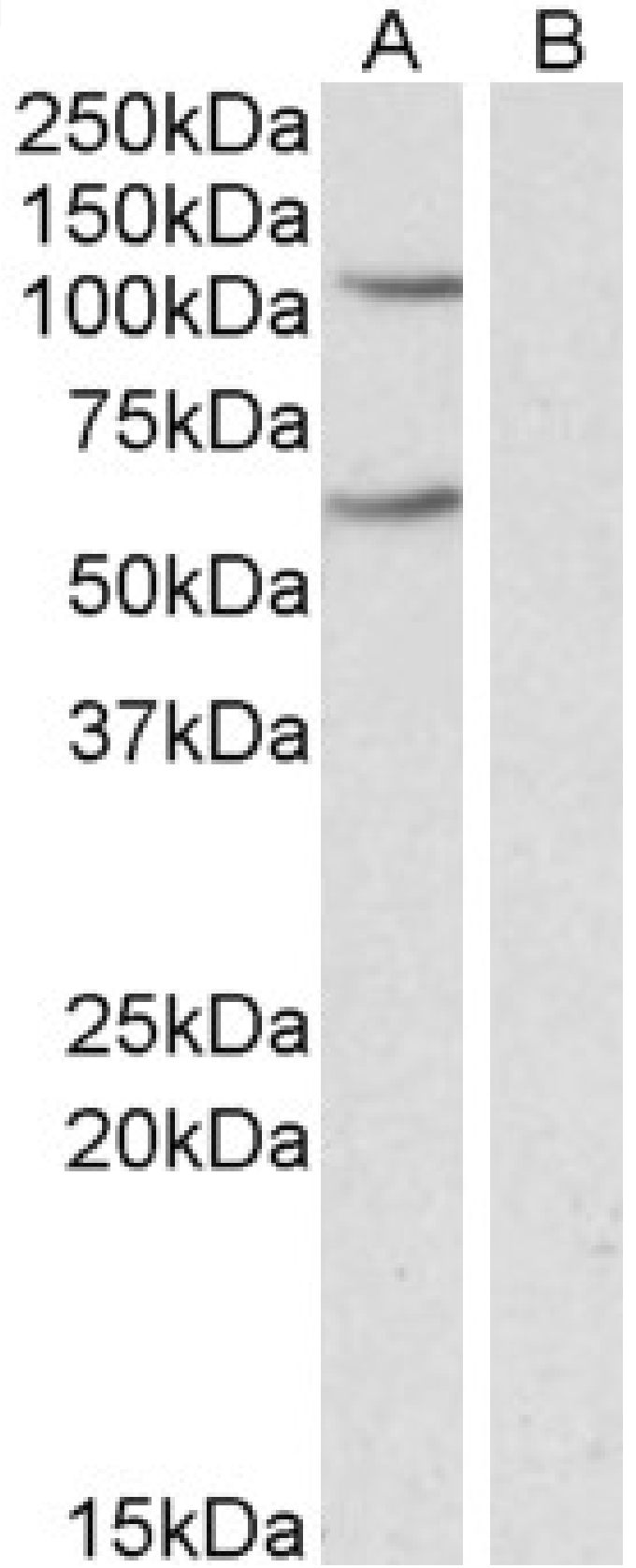

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SPECIFICATIONS

Formulation	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Unit Size	100 µg
Storage Instructions	Aliquot and store at -20°C. Minimize freezing and thawing.
Synonym / Alias Names	iron regulatory protein 2|IRP2AD|IRP2|FLJ23381|ACO3|iron-responsive element binding protein 2|IREB2
Accession ID	NP_004127.1
Blocking Peptide	EBP09488
Immunogen	Peptide with sequence C-SIHYEGSEYKLSHGS, from the internal region of the protein sequence according to NP_004127.1.
Peptide Sequence	C-SIHYEGSEYKLSHGS
Purification Method	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Shipping Instructions	Refrigerated
Predicted Species	Human, Mouse, Rat
Reactive Species	Human
Human Gene ID	3658
Mouse Gene ID	64602
Rat Gene ID	64831
Product Grade	https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite_medium.png
IHC Results	In paraffin embedded Human Kidney shows preferential staining in the cytoplasm of DCT. Recommended concentration, 3-6µg/ml.
ELISA Detection Limit	Antibody detection limit dilution 1:32000.
Western Blot	Approx 110kDa band observed in Human Liver lysates (calculated MW of 105kDa according to NP_004127.1). Recommended concentration: 1-3µg/ml. An additional band of unknown identity was also consistently observed at 60kDa. This band was confirmed as a breakdown product in aged purified recombinant protein by a free sample recipient.
Application Type	Pep-ELISA, WB, IHC

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SELECTED REFERENCES

[{"pmid": 29652073, "intro": "**This antibody has been successfully used in Western blot on Human:**", "title": "The iron regulatory proteins are defective in repressing translation via exogenous 5' iron responsive elements despite their relative abundance in leukemic cellular models", "author": "Emmanuel Pourcelot, Marine Le´non, Peggy Charbonnier, Fiona Louis, Pascal Mossuz and Jean-Marc Moulis", "journal": "Metallomics, 2018, 10, 639"}]

GALLERY IMAGES